

## 09479350 GILA RIVER NEAR MARICOPA, AZ

**LOCATION.**--Lat 33°10'07", long 112°00'24", in NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ , sec. 13, T.3 S., R.3 E., Pinal County, Hydrologic Unit 15050100, in Gila River Indian Reservation, on the downstream side of the highway bridge 8 mi north of Maricopa, AZ.

**DRAINAGE AREA.**--19,915 mi<sup>2</sup>.

**PERIOD OF RECORD.**--Occasional medium range to high range flow measurements were made in 1993--1994 water year. Established as a continuous-record station May 1995 to current year.

**GAGE.**--Water-stage recorder. Elevation of gage 1,113.87 ft above sea level, from topographic map.

**REMARKS.**--Records good, no estimated daily discharges. Many diversions above station for irrigation. Most low flow is wastewater from irrigated lands from Chandler, AZ, treatment plant. Flow regulated by storage in San Carlos Reservoir. This station replaces Gila River near Laveen (09479501), which was discontinued in the 1995 water year. Flood Jan. 20, 1993, discharge 49,350 ft<sup>3</sup>/s, measured from bridge, no gage height recorded. Flood Jan. 22, 1993, discharge 46,300 ft<sup>3</sup>/s, measured from bridge, approximate gage height, 6.80 ft.

**EXTREMES FOR CURRENT YEAR.**--Maximum discharge, 24 ft<sup>3</sup>/s Mar. 11, gage height 1.87 ft. Minimum daily discharge, no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	6.0	4.6	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	4.3	2.7	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	2.7	4.2	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	3.6	1.9	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	4.9	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	5.6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	22	2.7	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	22	1.3	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	23	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	21	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	18	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	12	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	6.6	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	11	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	8.3	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.54	4.1	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	2.9	1.7	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	3.7	3.8	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	4.5	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	4.6	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	4.7	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	7.14	352.4	17.40	0.00	0.00	0.00	0.00	0.00
MEAN	0.00	0.00	0.00	0.00	0.26	11.4	0.58	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	3.7	23	4.6	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	1.7	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	14	699	35	0.00	0.00	0.00	0.00	0.00
CFSM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

	MEAN	0.04	0.00	0.00	0.00	0.03	1.14	0.06	0.00	0.00	0.00	0.03	0.14
MAX	0.40	0.00	0.00	0.00	0.00	0.26	11.4	0.58	0.00	0.00	0.00	0.25	1.56
(WY)	2001	1996	1996	1996	2005	2005	2005	1996	1995	1995	2004	1996	
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1995	1995	1996	1995	

## SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 1995 - 2005

ANNUAL TOTAL	7.60	376.94		
ANNUAL MEAN	0.02	1.03	0.12	
HIGHEST ANNUAL MEAN			1.03	2005
LOWEST ANNUAL MEAN			0.00	1998
HIGHEST DAILY MEAN	7.6 Aug 16	23 Mar 12	38 Sep 2	1996
LOWEST DAILY MEAN	0.00 Jan 1	0.00 Oct 1	0.00 May 19	1995
ANNUAL SEVEN-DAY MINIMUM	0.00 Jan 1	0.00 Oct 1	0.00 May 19	1995
ANNUAL RUNOFF (AC-FT)	15	748	88	
ANNUAL RUNOFF (CFSM)	0.000	0.000	0.000	
10 PERCENT EXCEEDS	0.00	2.2	0.00	
50 PERCENT EXCEEDS	0.00	0.00	0.00	
90 PERCENT EXCEEDS	0.00	0.00	0.00	